Please type a plus sign (+) insid	e this	bc× →
-----------------------------------	--------	-------

Substitute for form 1449A/PTO



PTC/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 3 Sheet

C mplet if Known				
Application Number	09/911,777			
Filing Date	7/24/01			
First Named Inventor	Browning et al.			
Group Art Unit	1644			
Examiner Name	Haddad, Maher			
Attorney Docket Number	A070 US			

				U.S. PATENT DOCU	MENTS	
Examiner Initials*	Cite No.1	U.S. Patent Number	Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ΗM	AA	6,475,987	B1	Shu	11/5/2002	. 1
MH	AB	6,475,986	B1	Aggarwal	11/5/2002	
						<u>. </u>
						<u> </u>
		-	++			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite	<u> </u>	Foreign Patent Docum	ent Kind Code⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
imuais	No. ¹	Office ³	Number ⁴	(if known)	, topicant or olded boodinerit	MM-DD-YYYY	Figures Appear	1 _e	
MH	BA		WO 00/68378			11/16/2000			
MH	вв		WO 00/50633		-	8/31/2000			
mH	BC		. WO 00/43032		<u> </u>	7/27/2000			
W.H	BD		WO 00/40716			7/13/2000			
MA	BE.		WO 99/12965			3/18/1999			
m lt	BF		WO 99/12964			3/18/1999		-	
								 	

Examiner	Mala	Date	2/19/23
Signature	I have thadded	Considered	2100103

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box ->	\prod
	1 T

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Group Art Unit (use as many sheets as necessary) **Examiner Name** 3

Compl t if Known Application Number 09/911,777 7/24/01 Filing Date **First Named Inventor** Browning et al. 1644 Haddad, Maher Attorney Docket Number A070 US

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*				
mH	CA	GRAS et al., "BCMAp: An Integral Membrane Protein in the Golgi Apparatus of Human Mature B Lymphocytes", International Immunology, Vol. 7, No. 7, 1995, pgs. 1093-1106.		
mH	СВ	GROSS et al., "TACI and BCMA are Receptors for a TNF Homologue Implicated in B-Cell Autoimmune Disease", Nature, Vol. 404, April 27 2000, pgs. 995-999.		
mH	cc	HAHNE et al., "APRIL, A New Ligand of the Tumor Necrosis Factor Family, Stimulates Tumor Cell Growth", J. Exp. Med., Vol. 188, No. 6, September 21 1998, pgs. 1185-1190.		
mH	CD	KHARE et al., "Severe B Cell Hyperplasia and Autoimmune Disease in TALL-1 Transgenic Mice", Proceedings of the National Academy of Sciences of the United States of America, March 28 2000, Vol. 97, No. 7, pgs. 3370-3375.		
mH	CE	KWON et al., "Functions of Newly Identified Members of the Tumor Necrosis Factor Receptor/Ligand Superfamilies in Lymphocytes", Current Opinion in Immunology, 1999, pgs. 340-345.		
MH	CF	LAABI et al., "A New Gene, BCM, on Chromosome 16 is Fused to the Interleukin 2 Gene by a t(4;16) (q26;p13) Translocation in a Malignant T Cell Lymphoma", The EMBO Journal, Vol. 11, No. 11, 1992, pgs. 3897-3904.		
MH	CG	LAABI et al., "The BCMA Gene, Preferentially Expressed During B Lymphoid Maturation, is Bidirectionally Transcribed", Nucleic Acids Research, Vol. 22, No. 7, 1994, pgs. 1147-1154.		
mH	СН	MACKAY et al., "Mice Transgenic for BAFF Develop Lymphocytic Disorders along with Autoimmune Manifestations", Journal of Experimental Medicine, December 6 1999, Vol. 190, No. 11, pgs. 1697-1710.		
mH	CI	MALDRY et al., "The Characterization of Murine BCMA Gene Defines it as a New Memer of the Tumor Necrosis Factor Receptor Superfamily", International Immunology, Vol. 10, No. 11, 1998, pgs. 1693-1702.		
MH		MUKHOPADHYAY et al., "Identification and Characterization of a Novel Cytokine, THANK, a TNF Homologue that Activates Apoptosis, Nuclear Factor-kappaB, and c-Jun NH2-Terminal Kinase", Journal of Biological Chemistry, June 4 1999, Vol. 274, No. 23, pgs. 15978-15981.		
	СJ			
mH	CK	MOORE et al., "BLyS: Member of the Tumor Necrosis Factor Family and B Lymphocyte Stimulator", Science, July 9 1999, Vol. 285, No. 5425, pgs. 260-263.		

Examiner Signature Make	Haddad	Date Considered	2/19/03
-------------------------	--------	--------------------	---------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

						_	
Please t	ype a p	olus sie	gn (+)	inside	this	box	-

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) 3 3

Complet if Known			
Application Number	09/911,777		
Filing Date	07/24/2001		
First Named Inventor	Browning et al.		
Group Art Unit	1644		
Examiner Name	Haddad, Maher		
Attorney Docket Number	A070 US		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
mH	CL	PITTI et al., "Genomic Amplification of a Decoy Receptor for Fas Ligand in Lung and Colon Cancer", Nature, Vol. 396, December 17, 1998, pgs. 699-703.	
mit	СМ	SCHNEIDER et al., "BAFF, A Novel Ligand of the Tumor Necrosis Factor Family, Stimulates B Cell Growth", J. Exp. Med., Vol. 189, No. 11, June 7 1999, pgs. 1747-1756.	
mH	CN	SHU et al., "B Cell Maturation Protein is a Receptor for the Tumor Necrosis Factor Family Member TALL-1", PNAS, Vol. 97, No. 16, August 1 2000, pgs. 9156-9161.	
mH	co	THOMPSON et al., "BAFF Interacts with the Orphan Receptor, BCMA", Scandinavian Journal of Immunology, Vol. 51 (Supplement 1), 2000, pg. 65.	
Yn 1+	CP	THOMPSON et al., "BAFF Binds to the Tumor Necrosis Factor Receptor-like Molecule B Cell Maturation Antigen and is Important for Maintaining the Peripheral B Cell Population", J. Exp. Med., Vol. 192, No. 1, July 3 2000, pgs. 129-135.	
MH	CQ	XIA et al., "TACI is a TRAF-Interacting Receptor for TALL-1, a Tumor Necrosis Factor Family Member Involved in B Cell Regulation", J. Exp. Med., Vol. 192, No. 1, July 3 2000, pgs. 137-143.	
m H	CR	YU et al., "APRIL and TALL-1 and Receptors BCMA and TACI: System for Regulating Humoral Immunity", Nature Immunology, Vol. 1, No. 3, September 2000, pgs. 252-256.	

Examiner Signature Maher Herddad	Date Considered	2119/03
----------------------------------	--------------------	---------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

